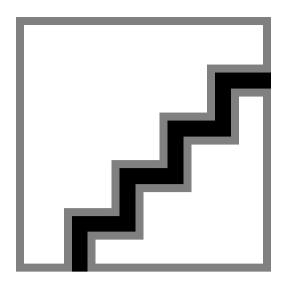
PHILIPS Lighting



MASTER TL5 High Output EcoPlus

MASTER TL5 HO EcoPlus 44=54W/865 1SL/40

TL5 High Output EcoPlus lamp (tube diameter 16 mm) provides extra energy savings by simple lamp-for-lamp replacement of TL5 HO Eco lamps, at the expense of slightly reduced light output. No compromises are made on the excellent TL5 lumen maintenance, lifetime and color rendering. Application areas vary from offices and industry to schools and retail environments.

Warnings and Safety

- A reduction in energy consumption is only achieved with current-controlled gear.
- The lamps operate perfectly with power-controlled gear, but in that case the light output can be up to 10% higher.
- \cdot TL5 HO EcoPlus is not designed for dimming applications.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information		Color rendering index (CRI)	82
Cap-Base	G5 [G5]		
Features	HO XEW Alto® [High Output Energy Advantage	Operating and Electrical	
	Alto]	Power Consumption	44 W
		Lamp Current (Nom)	0.460 A
Light Technical			
Color Code	865 [CCT of 6500K]	Controls and Dimming	
Luminous Flux	4,275 lm	Dimmable	No
Color Designation	Cool Daylight		
Correlated Color Temperatu	Mechanical and Housing		
Luminous Efficacy (rated) (N	om) 86 lm/W	Bulb Shape	T5 [16 mm (T5)]

MASTER TL5 High Output EcoPlus

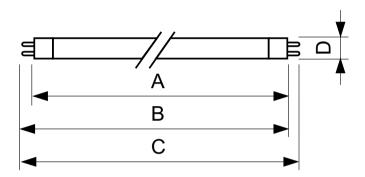
Approval and Application			
Mercury (Hg) Content (Nom)	1.4 mg		
Energy Consumption kWh/1000 h	48 kWh		
Product Data			
Order product name	MASTER TL5 HO EcoPlus 44=54W/865 1SL/40		
Full product name	MASTER TL5 HO EcoPlus 44=54W/865 1SL/40		

871869652936200

Order code	927995486534
Material Nr. (12NC)	927995486534
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696529362
Numerator - Packs per outer box	40
EAN/UPC - Case	8718696529379

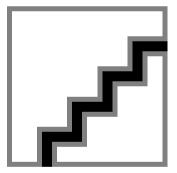
Dimensional drawing

Full product code



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO EcoPlus	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
44=54W/865 1SL/40					

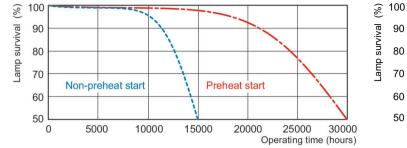
Photometric data



Spectral Power Distribution Colour - MASTER TL5 HO EcoPlus 44=54W/865 1SL/40

MASTER TL5 High Output EcoPlus

Lifetime



Life Expectancy Diagram - MASTER TL5 HO EcoPlus 44=54W/865 1SL/40

 90
 Preheat start

 80
 70

 70
 Non-preheat start

 60
 0

 50
 0

 10000
 20000

 30000
 40000

 Operating time (hours)

Life Expectancy Diagram - MASTER TL5 HO EcoPlus 44=54W/865 1SL/40

Lumen Maintenance Diagram - MASTER TL5 HO EcoPlus 44=54W/865 1SL/40



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